INFORMATION HANDOUT

For Contract No. 11-2T2504
At 11-SD-805-9.5/10.3

Identified by
Project ID 1112000216

PERMITS

U.S. Fish and Wildlife Service Biological Opinion

MATERIALS INFORMATION

Geotechnical Design Report for the Investigation of Soil Conditions Beneath the Outside Shoulders of Interstate 805 Grove Street and Plaza Boulevard, dated December 12, 2013

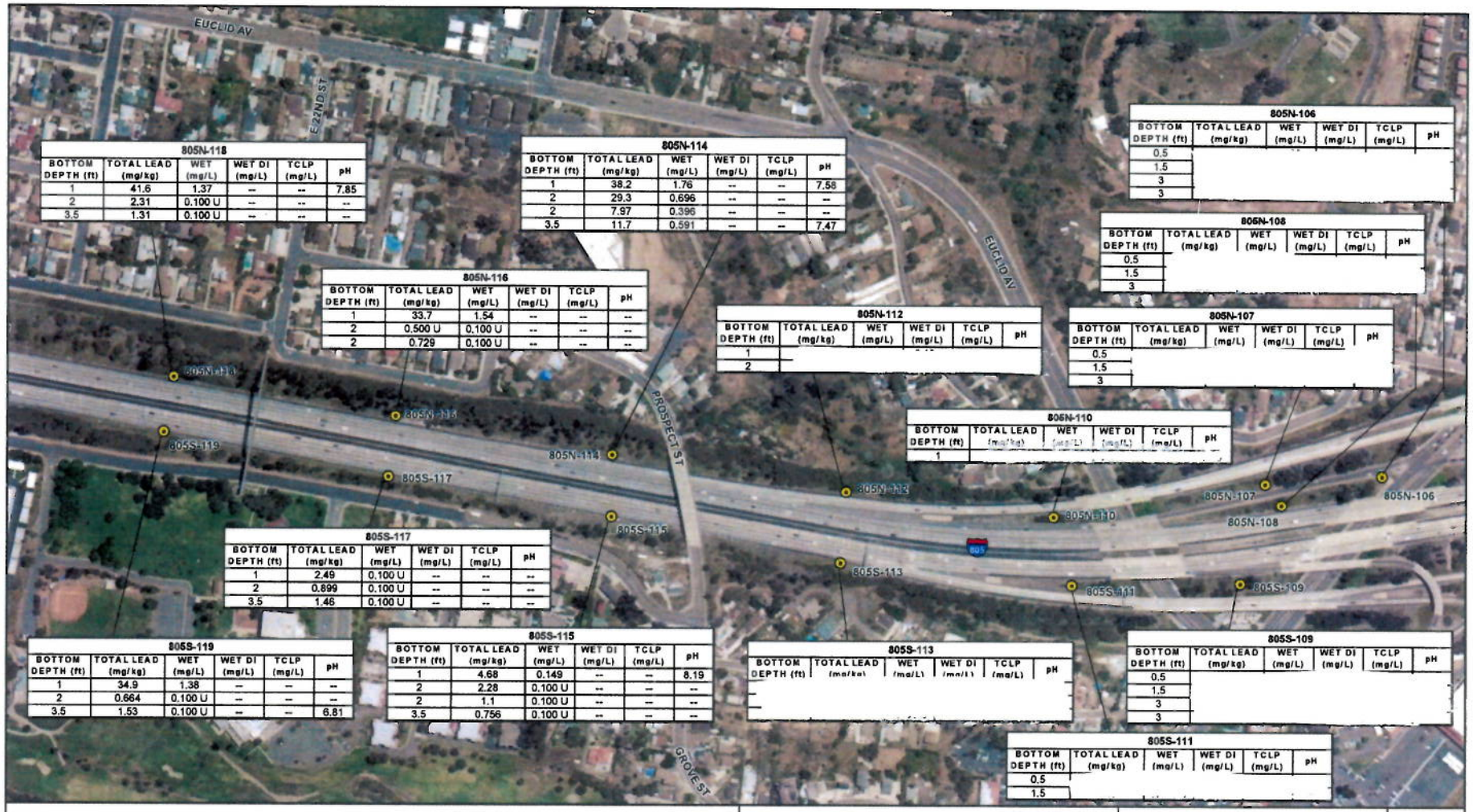
Structural Section Recommendations, Dated April 3, 2013

SAMPLE LOCATION MAP - Aerially Deposited Lead Survey - PLATES 7 and 8

ELECTRONIC FILES

1. Alignment "A" kcm file
2. Alignment "P3R" kcm file
3. Contours dgn file

REPLACED PER ADDENDUM NO. 3 DATED JULY 2, 2014



805N-118

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	41.6	1.37	--	--	7.85
2	2.31	0.100 U	--	--	--
3.5	1.31	0.100 U	--	--	--

805N-114

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	38.2	1.76	--	--	7.58
2	29.3	0.696	--	--	--
2	7.97	0.396	--	--	--
3.5	11.7	0.591	--	--	7.47

805N-116

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	33.7	1.54	--	--	--
2	0.500 U	0.100 U	--	--	--
2	0.729	0.100 U	--	--	--

805N-106

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5					
1.5					
3					
3					

805N-108

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5					
1.5					
3					

805N-112

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					

805N-107

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5					
1.5					
3					

805N-110

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					

805S-117

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	2.49	0.100 U	--	--	--
2	0.899	0.100 U	--	--	--
3.5	1.46	0.100 U	--	--	--

805S-119

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	34.9	1.38	--	--	--
2	0.664	0.100 U	--	--	--
3.5	1.53	0.100 U	--	--	6.81

805S-115

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	4.68	0.149	--	--	8.19
2	2.28	0.100 U	--	--	--
2	1.1	0.100 U	--	--	--
3.5	0.756	0.100 U	--	--	--

805S-113

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH

805S-109

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5					
1.5					
3					
3					

805S-111

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
0.5					
1.5					

Feet
0 400 800

All dimensions and locations are approximate

LEGEND

805N-103
APPROXIMATE SAMPLE LOCATION AND LOCATION ID

KLEINFELDER
Bright People. Right Solutions

PROJECT NO:115813
DRAWN BY: E D GOFF
CHECKED BY: J JANUSZIEWICZ
DATE: APRIL 2011

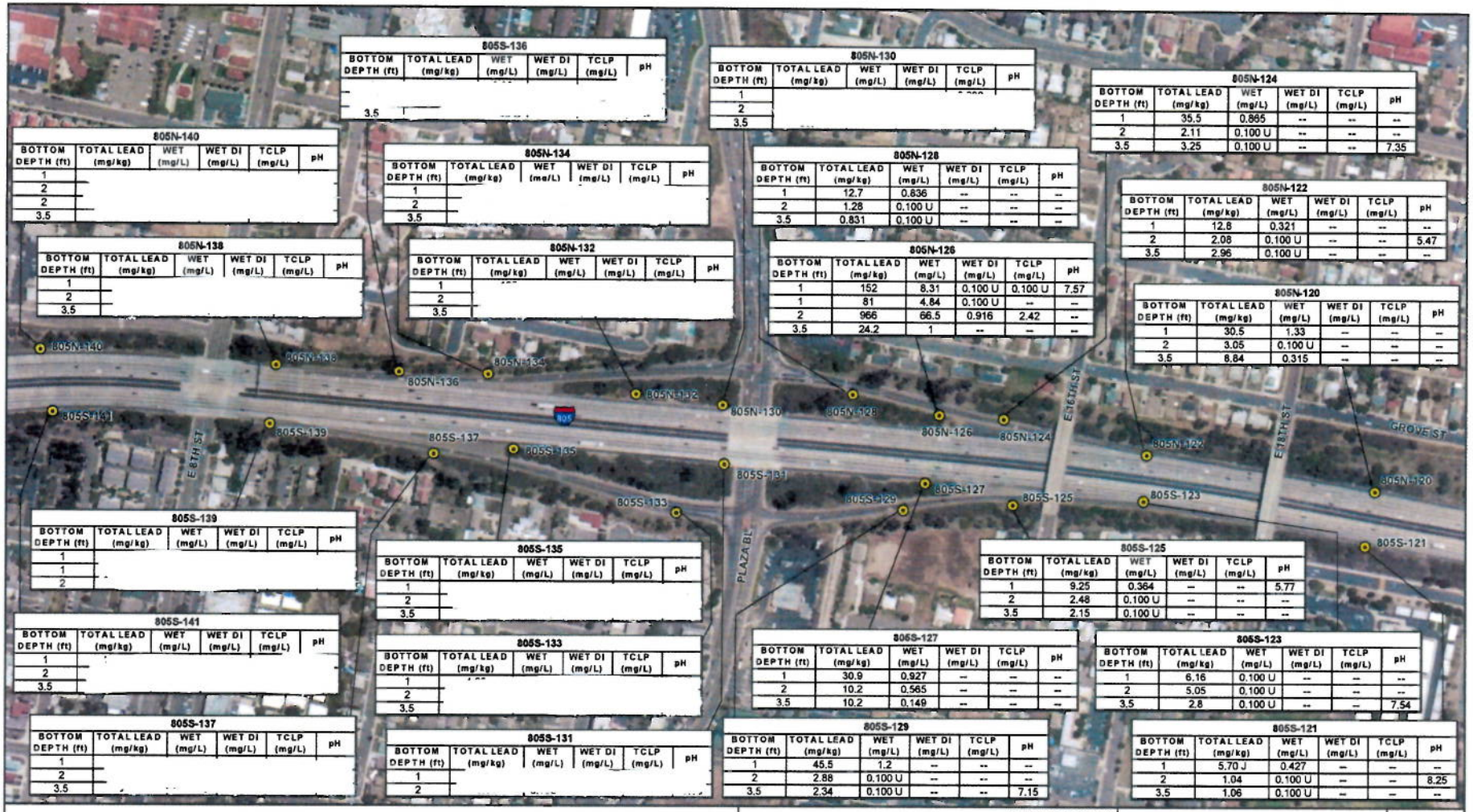
GeomorphIS

SAMPLE LOCATION MAP
Aerially Deposited Lead Survey
I-805 HOV, Caltrans EA 11-081610
San Diego, California

PLATE
7

Imagery: Bing Maps, ESRI

File: Projects\Caltrans\805_2011\FinalResults



805S-136

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
3.5					

805N-140

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					
2					
3.5					

805N-134

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					
3.5					

805N-130

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					
3.5					

805N-124

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	35.5	0.865	--	--	--
2	2.11	0.100 U	--	--	--
3.5	3.25	0.100 U	--	--	7.35

805N-128

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	12.7	0.836	--	--	--
2	1.28	0.100 U	--	--	--
3.5	0.831	0.100 U	--	--	--

805N-122

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	12.8	0.321	--	--	--
2	2.08	0.100 U	--	--	5.47
3.5	2.96	0.100 U	--	--	--

805N-138

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					
3.5					

805N-132

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					
3.5					

805N-126

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	152	8.31	0.100 U	0.100 U	7.57
1	81	4.84	0.100 U	--	--
2	966	66.5	0.916	2.42	--
3.5	24.2	1	--	--	--

805N-120

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	30.5	1.33	--	--	--
2	3.05	0.100 U	--	--	--
3.5	8.84	0.315	--	--	--

805S-139

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
1					
2					

805S-135

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					
3.5					

805S-125

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	9.25	0.364	--	--	5.77
2	2.48	0.100 U	--	--	--
3.5	2.15	0.100 U	--	--	--

805S-141

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					
3.5					

805S-133

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					
3.5					

805S-127

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	30.9	0.927	--	--	--
2	10.2	0.565	--	--	--
3.5	10.2	0.149	--	--	--

805S-123

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	6.16	0.100 U	--	--	--
2	5.05	0.100 U	--	--	--
3.5	2.8	0.100 U	--	--	7.54

805S-137

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					
3.5					

805S-131

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1					
2					

805S-129

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	45.5	1.2	--	--	--
2	2.88	0.100 U	--	--	--
3.5	2.34	0.100 U	--	--	7.15

805S-121

BOTTOM DEPTH (ft)	TOTAL LEAD (mg/kg)	WET (mg/L)	WET DI (mg/L)	TCLP (mg/L)	pH
1	5.70 J	0.427	--	--	--
2	1.04	0.100 U	--	--	8.25
3.5	1.06	0.100 U	--	--	--

Feet
0 400 800

LEGEND
805N-103
APPROXIMATE SAMPLE LOCATION AND LOCATION ID

All dimensions and locations are approximate

Imagery: Bing Maps, ESRI

KLEINFELDER
Bright People. Right Solutions

PROJECT NO:115813
DRAWN BY: E D GOFF
CHECKED BY: J JANUSZIEWICZ
DATE: APRIL 2011

GeomorphIS

SAMPLE LOCATION MAP
Aerially Deposited Lead Survey
I-805 HOV, Caltrans EA 11-081610
San Diego, California

PLATE
8

File: Projects\Caltrans\805_2011\FinalResults